Cytometer Performance Report

Cytometer:	FACSCantoII	User:	Administrator
Cytometer Name:	FACSCantoII	Institution:	N/A
Serial Number:	V33896201821	Software:	BD FACSDiva 6.1.3
Input Device:	Carousel	Date:	12/01/2015 12:58 PM
Tube Loaded Manually:	Yes	Cytometer Baseline:	10/21/2015 09:33 AM
Cytometer Configuration:	Euroflow 3-laser, 8-color (4-2-2)	P/F:	Pass

Setup Beads

Bead Product: CST Setup Beads, Part #: 910723
Lot ID: 51739, Expiration Date: 01/31/2016
Bead Lot Information: Available

Detector Settings

Laser	Detector	Parameter	Target Value	Actual Target Value	% Difference Target Value	Bright Bead % Robust CV	Mid Bead Median Channel	Mid Bead % Robust CV
Blue	FSC	FSC	125000	124015	-1	5.50	123786	5.57
Blue	F	SSC	125000	124905	-1	2.97	125801	2.70
Blue	E	FITC	17224	16982	-2	2.71	957	10.09
Blue	D	PE	22462	21855	-3	2.19	985	8.93
Blue	B	PerCP-Cy5-5	63940	63332	-1	3.06	1671	14.75
Blue	A	PE-Cy7	72480	71494	-2	4.19	920	28.49
Red	C	APC	63778	63307	-1	2.49	3572	8.05
Red	A	APC-Cy7	97254	96507	-1	2.52	1909	7.99
Violet	B	V450	10730	10248	-5	3.71	634	8.70
Violet	A	V500	42147	40798	-4	3.33	2305	6.21

Detector Settings (Continued)

Laser	Detector	Parameter	Dim Bead Median Channel	Dim Bead % Robust CV	PMTV	Δ PMTV	Qr	Br	P/F
Blue	FSC	FSC	18620	30.23	633	13	N/A	N/A	Pass
Blue	F	SSC	62348	1.76	539	12	N/A	N/A	Pass
Blue	E	FITC	103	38.31	547	8	0.0194	114	Pass
Blue	D	PE	203	27.11	540	8	0.1478	168	Pass
Blue	B	PerCP-Cy5-5	198	45.08	629	15	0.0090	25	Pass
Blue	A	PE-Cy7	66	119.65	688	15	0.0115	19	Pass
Red	C	APC	333	26.22	587	3	0.0214	15	Pass
Red	A	APC-Cy7	119	38.73	567	2	0.0047	782	Pass
Violet	B	V450	67	45.39	478	4	0.0399	1893	Pass
Violet	A	V500	150	23.12	508	5	0.0122	120	Pass

Specifications

PMTV Delta from baseline: 50 (BD)
Violet Laser Primary Channel Bright Bead %Robust CV: 6.00 (Recommended)
Blue Laser Primary Channel Bright Bead %Robust CV: 6.00 (Recommended)
Red Laser Primary Channel Bright Bead %Robust CV: 6.00 (Recommended)

Cytometer Performance Report

Cytometer:	FACSCantoII	User:	Administrator
Cytometer Name:	FACSCantoII	Institution:	N/A
Serial Number:	V33896201821	Software:	BD FACSDiva 6.1.3
Input Device:	Carousel	Date:	12/01/2015 12:58 PM
Tube Loaded Manually:	Yes	Cytometer Baseline:	10/21/2015 09:33 AM
Cytometer Configuration:	Euroflow 3-laser, 8-color (4-2-2)	P/F:	Pass

Laser Settings

Laser	Power (mW)	Power Spec. (mW)	Current (mA)	Current Spec. (mA)	Delay (Trigger on FSC)	Delay (Trigger on Fluorescence)	Area Scaling Factor
Violet	59.62	47.70 - 71.54	N/A	N/A	-31.17	-30.90	0.69
Blue	20.47	16.35 - 24.53	1.25	1.00 - 1.50	0.00	0.00	1.16
Red	13.61	13.09 - 19.63	N/A	N/A	31.34	31.56	1.07

Window Extension: 7.00
FSC Area Scaling Factor: 0.81

Threshold

Threshold (FSC): 12465

Fluidics

FACSFlow Pressure: 3.90 Sample Pressure: 3.60
Spec.: 3.80 - 4.00

Comments